

## Waste Recycling by Material Type: Achievement, Opportunity and Challenge

Basis for composition of disposed waste is the first 2 (of 4 scheduled) waste sorts. Thus, these results are preliminary.		FY06 Actuals									Opportunity	Success Scenario To Reach 50% Overall Recycling Rate				
		Single-Family			Multi-Family & Non-Residential			Aggregate Actual FY06			Currently Disposed (Tons)	Disposed Tons Targeted	Additional Capture (tons)	Generated (tons)	Captured (tons)	Capture Rate %
		Generated (tons)	Captured (tons)	Capture Rate %	Generated (tons)	Captured (tons)	Capture Rate %	Generated (tons)	Captured (tons)	Capture Rate %						
Banned ER15-04	Subtotal, Banned Components	352,148	275,341	78.2%	403,719	190,961	47.3%	755,868	466,302	61.7%		289,565	102,590	755,868	568,892	75.3%
	Paper	130,490	75,684	58.0%	246,673	78,809	31.9%	377,163	154,493	41.0%	222,670	222,670	81,407	377,163	235,900	62.5%
	Glass	20,632	14,179	68.7%	9,716	997	10.3%	30,348	15,175	50.0%	15,172	15,172	5,547	30,348	20,722	68.3%
	Other Ferrous	20,581	15,855	77.0%	75,171	57,442	76.4%	95,751	73,296	76.5%	22,455	22,455	8,209	95,751	81,506	85.1%
	Yardwaste	166,035	162,849	98.1%	52,292	46,523	89.0%	218,327	209,373	95.9%	8,955	8,955	-	218,327	209,373	95.9%
	Narrow-Neck Plastics	7,575	3,503	46.2%	7,225	217	3.0%	14,801	3,720	25.1%	11,081	11,081	4,051	14,801	7,771	52.5%
	Ferrous/Bimetal Containers	3,895	1,771	45.5%	5,015	2,034	40.6%	8,909	3,805	42.7%	5,104	5,104	1,866	8,909	5,671	63.7%
	Aluminum Beverage Cans	2,541	1,500	59.1%	2,532	856	33.8%	5,072	2,356	46.4%	2,716	2,716	993	5,072	3,349	66.0%
	Other Non-Ferrous Metal	400	-	0.0%	5,096	4,083	80.1%	5,496	4,083	74.3%	1,412	1,412	516	5,496	4,600	83.7%
Encouraged	Textiles & Leather (no Rugs)	6,181	120	1.9%	6,858	7	0.1%	13,039	127	1.0%	12,912			13,039	127	1.0%
	Wood Waste (including pallets)	10,918	9,516	87.2%	46,354	23,853	51.5%	57,272	33,368	58.3%	23,904			57,272	33,368	58.3%
	Whole Tires (as Rubber)	2,235	2,235	100.0%	4,699	3,577	76.1%	6,933	5,812	83.8%	1,122			6,933	5,812	83.8%
	Lubricants (e.g. motor oil)	3,555	3,474	97.7%	3,293	3,241	98.4%	6,848	6,715	98.1%	133			6,848	6,715	98.1%
	Electronics	4,155	580	14.0%	3,937	235	6.0%	8,093	815	10.1%	7,277			8,093	815	10.1%
	Batteries	248	242	97.6%	2,236	1,812	81.1%	2,484	2,055	82.7%	429			2,484	2,055	82.7%
	Tire Steel	469	190	40.5%	872	285	32.6%	1,341	474	35.4%	867			1,341	474	35.4%
Potential	Food Waste	43,558	-	0.0%	80,186	4,921	6.1%	123,743	4,921	4.0%	118,823			123,743	4,921	4.0%
	Film Plastic	17,688	-	0.0%	31,782	440	1.4%	49,471	440	0.9%	49,030			49,471	440	0.9%
	Other Plastic	6,387	39	0.6%	14,593	150	1.0%	20,979	190	0.9%	20,790			20,979	190	0.9%
	Carpets / Rugs	4,675	-	0.0%	13,378	-	0.0%	18,053	-	0.0%	18,053			18,053	-	0.0%
	Other Aluminum (foil)	16	15	0.0%	2,534	-	0.0%	2,550	15	0.6%	2,535			2,550	15	0.6%
No Markets	Other Wood	4,409	-	0.0%	15,785	-	0.0%	20,194	-	0.0%	20,194			20,194	-	0.0%
	Other Glass	989	-	0.0%	1,102	-	0.0%	2,090	-	0.0%	2,090			2,090	-	0.0%
	Disposable Diapers	11,603	-	0.0%	7,904	-	0.0%	19,507	-	0.0%	19,507			19,507	-	0.0%
	Other Waste	52,890	-	0.0%	86,291	-	0.0%	139,180	-	0.0%	139,180			139,180	-	0.0%
TOTAL		522,124	291,752	55.9%	725,522	229,482	31.6%	1,247,646	521,234	41.8%	726,413	289,565	102,590	1,247,646	623,823	50.0%

Notes:

Banned ER15-04

Increased Capture Needed as % of Banned Tons Disposed

35.4%

These materials are required to be recycled under Executive Regulation 15-04, and are banned from disposal in waste from all sectors.

Overall Capture Rate Necessary for Banned Materials Other Than Yard Waste

66.9%

Encouraged

Current Capture Rate of Banned Materials Other Than Yard Waste

47.8%

Potential Although not subject to a disposal ban, these materials are recycled via standing programs. Consistent, if not strong, markets exist for these materials. Textiles are recycled only via voluntary drop-offs (does not include clothing donations).

Potential

Markets either exist for these materials, or could exist with additional processing.

No Markets

No existing or anticipated markets for these materials.